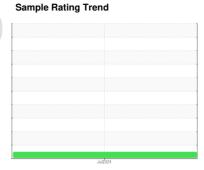


# **OIL ANALYSIS REPORT**

SYNOIL 8K

GARDNER DENVER VS25-40A03 GARDNER DENVER VS25-40 A03 - RITUS CORP (S/N NOT GIVEN)

Component Compressor





### Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the

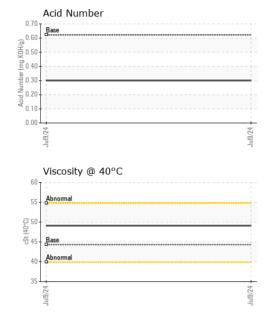
## **Fluid Condition**

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCZ06236147		
Sample Date		Client Info		09 Jul 2024		
Machine Age	hrs	Client Info		50007		
Oil Age	hrs	Client Info		2000		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	7		
Chromium	ppm	ASTM D5185m	>5	0		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>15	<1		
Lead	ppm	ASTM D5185m	>65	0		
Copper	ppm	ASTM D5185m	>65	2		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0.3	0		
Barium	ppm	ASTM D5185m	0.3	7		
Molybdenum	ppm	ASTM D5185m	0	0		
Manganese	ppm	ASTM D5185m	0.9	0		
Magnesium	ppm	ASTM D5185m	0.2	2		
Calcium	ppm	ASTM D5185m	0.1	0		
Phosphorus	ppm	ASTM D5185m	429	474		
Zinc	ppm	ASTM D5185m	0.3	0		
Sulfur	ppm	ASTM D5185m	1336	752		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>35	16		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.622	0.30		



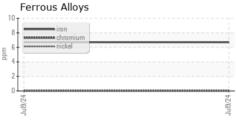
# **OIL ANALYSIS REPORT**



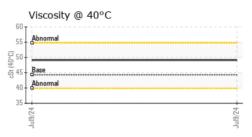
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
<b>Emulsified Water</b>	scalar	*Visual	>0.1	NEG		
Free Water	scalar	*Visual		NEG		
FLUID PROPERT	TES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	44.32	49.1		

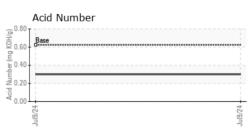
SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

## **GRAPHS**



	Non-ferrous Metals	
	T	
	copper lead	
mdd	- management in	
b	+	
	·	
	<u> </u>	-
	Jul9/24	Jul9/24









Certificate 12367

**Sample No.** : UCZ06236147 Lab Number : 06236147

Test Package : IND 2

Unique Number : 11124981

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 15 Jul 2024

Tested : 16 Jul 2024 Diagnosed : 16 Jul 2024 - Wes Davis

**ZORN COMP & EQUIPMENT INC - MAIN** 

1335 E WISCONSIN AVE PEWAUKEE, WI

US 53072 Contact: TONY STELLA tony.stella@zornair.com T: (800)476-4637

To discuss this sample report, contact Customer Service at 1-800-237-1369. \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

F: (262)695-7017 Contact/Location: TONY STELLA - UCZORPEW